

# COMMUNICATION CONTROL MADE SIMPLE

**SYNCHRONOUS**

**Made simple...**

**ASYNCHRONOUS**

**Made simple...**

**INTELLIGENT  
TERMINAL**

**Made simple**

**VARIOUS  
PROTOCOLS**

**Made simple...**

**MODEM**

**Made simple...**

**MAINFRAME  
OR MINI  
LINK-UP**

**Made simple**



**COMMODORE PET**

**Quite simply, Britain's biggest selling microcomputer**

# PET. The fully fledged that can communicate

Things have changed since the PET first came on the scene. At that time, computer experts involved in communications were wringing every ounce of performance out of it via a whole selection of ingenious interfaces and software.

But the PET has come a long way since its days of being just a highly intelligent, reasonably priced system.

**PET  
COMMUNICATING  
FROM THE START**

Now, its communication capabilities are available to everyone. Because the potential that the buffs exploited has been thoroughly developed with the result that the PET can now communicate in a wide range of different and useful ways.

## The versatile communicator

Today, PET is firmly established as a microcomputer for the professional. The range of applications is very impressive – it covers business, word processing, education, industry and technology.

However, it's not just a stand-alone installation – now and in the future, you can purchase or upgrade a PET system. Expand on it by connecting it to your existing system in any of the many ways we've indicated here.

The PET can be used to set up a microcomputer network where PETs talk to each other. Or it can be linked to the company mainframe computer. Individual departments within an organisation who have their own departmental PET can have data on tap – avoiding the inevitable bottlenecks that occur on the firm's mainframe.



## The right PET for the right job.

### COMMLINK

Commlink is a buffered machine code package that extends PET's BASIC to include communications commands. The package uses the IEEE port for communications and therefore requires an IEEE to RS232 converter or the 8010 Modem to operate.

The package allows PET to become a) a typewriter (if a printer is available), b) a simple terminal through to a smart glass teletype and c) a terminal that is capable of file transfer.

Included in this package is a PET to ASCII converter with up to 32 soft key/characters.

This package is for asynchronous transmission.

### PET COMMUNICATIONS SYSTEMS (DRL)

The PET Communications Systems consist of two parts, hardware and software.

The system provides PETs with TWA, ICL COI and

# ged microcomputer mmunicate

## Shared resources and special applications

There's a wealth of Commodore approved purpose-built interfaces and software that go right across the communications board.

Some can turn your PET into an asynchronous or synchronous terminal.

Another will enable you not only to use British Telecom's PRESTEL system, but to expand the service so that you can store and recall the data it gives you – as and when you need it.

Also available is the 8010 Modem which links to a standard telephone, allowing one PET to communicate with another – or with a mainframe computer. Apart from transmitting information, you can make the electronic mail theory work by adding a printer.



ICL CO2 connectivity, with CO3 currently under development.

IBM binary synchronous transmissions emulating IBM 2780/3780 and 3270 are also available.

**The hardware** is an add-on box which holds a 6502 processor, store, and two interfaces. The interfaces are an RS232 interface and a PET (user port) interface.

**The software** is downloaded from disk into both the PET and the add-on box. It provides PET with extra BASIC commands and the box with the required communications protocol.

## NETKIT

Netkit is a combined hardware and software package. The hardware includes an RS232 interface and the connections to the memory expansion port and ROM socket.

The package will support PET to PET and PET to mainframe communications, it also offers remote control of the distant PET. This package is for asynchronous transmission. It has not yet received BT approval.

There are general purpose communication packages that can be tailored to your specific protocols. Some of these enlarge the scope of BASIC to enable the programme to generate several protocols from one package. If you want any particular protocol application this can be supplied from our standard protocols.

## Good News for DP Managers

The PET is the answer to the age old problem of not being able to be in two places at once. In fact, the DP professional can be aware of all kinds of developments within his organisation and use this knowledge to make his job more effective.

All with a multi-talented microcomputer and terminal that costs less than a conventional terminal.



The package is only available for BASIC 2 but BASIC 4 versions are planned.

It represents a very versatile and unusual product with its "control the other PET" and "downloading software" features.

## INTERCOMM

Intercomm is a general purpose package for providing an asynchronous RS232 terminal.

The package requires an RS232/IEEE converter to provide the communications interface.

Selection of parameters is accomplished using "configuration files" provided with the package. These files are generated for each specific order to match the required parameters.

File transfer is available and can be controlled using DC1 and DC3 characters. DC1 and DC3 are the "Stop I'm Full" and "OK Carry On" characters.

# Why the PET has a very good head for business.

This is something the businessman will appreciate. A complete system that, apart from communications, will do the accounts, payroll and stock control, etc. A system that's easy to use by the boss, secretary or typist after just a few hours.

At Commodore, we've had over 20 years' experience in electronics which has helped us develop the ideal business microcomputer and word processor.

It's all our own work too, including the silicon microchip which is used in many competitive systems.

Apart from being Britain's biggest seller, there are PETs helping businesses run more profitably all over the world.

Also, as it's a remarkably good word processor, it can be used for anything from lengthy, simple documents to personalised letters – all turned out with superhuman speed and accuracy.

## Because the PET's a much better microcomputer, we have much better dealers.

In fact, we don't have ordinary dealers. Because, first you need to speak to the calibre of people who really understand the highly specialised requirements of those in communications. And, even more important, know how to apply them to your business problem. We select, train and appoint Commodore Communications Systems Consultants who are able to cope with the very specific needs of the business customer.

So, they'll talk to you before you buy to make sure that your particular requirements are fully understood. Then they'll make their recommendations. If there's anything that's

individual about your business, they're fully qualified to provide specially-tailored solutions to do the job.

Our Consultants install the system and show your staff how to operate it. Any questions or problems and they'll be on the spot. Fast.

There's bound to be a Consultant near you, as our national network stretches from the Orkneys to the Channel Isles. As your business grows, there may well be changes wanted. Our Consultant will always be happy to advise. Because, at Commodore that's what we think a proper communications service is all about.

## For your information

For those who'd like to know more about the technical side of the PET, some details:

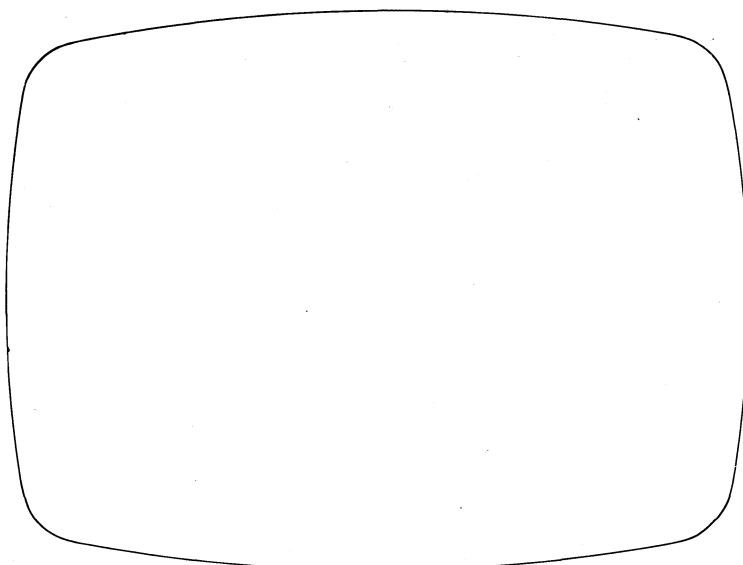
**THE COMPUTER ITSELF.** Information is entered on the familiar typewriter layout keyboard. The screen shows what you're putting in and getting out. This unit contains the brain of the system: a 32K computer that's capable of running the most sophisticated business programme.

**DISK UNIT.** Stores anything between 343,000 and 1 megabyte on floppy disk or considerably more on a Winchester drive. Ready when you want it – in seconds.

**PRINTER.** For printouts, naturally. Very fast, up to 160 characters per second on a matrix printer. There's a variety of daisy wheel printers, too, that will produce high quality letters any secretary would be proud of.

## Further information

Either contact your Commodore Communications Consultant or the Commodore Information Centre, P.O. Box 109, Baker Street, High Wycombe, or telephone Slough 79292.



Specifications of software packages and hardware are correct at time of going to press, but are subject to alterations at any time.

# COMMODORE PET

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